

**Application Data Sheet****APPLICATION INFORMATION**

Application Number::  
Filing Date:: 01/18/02  
Application Type:: Regular  
Subject Matter:: Utility  
Suggested classification::  
Suggested Group Art Unit::  
CD-ROM or CD-R?:: None  
Number of CD Disks:  
Number of Copies of CDs::  
Sequence Submission?::  
Computer Readable From (CRF)?:: No  
Number of Copies of CRF::  
Title:: HIGH-THROUGHPUT METHODS OF  
DISTINGUISHING AT LEAST ONE MOLECULE  
INDIVIDUALLY IN A SAMPLE COMPRISING  
MULTIPLE MOLECULES AND SYSTEMS FOR USE  
THEREIN  
Attorney Docket Number:: 215390  
Request for Early Publication?:: No  
Request for Non-Publication?:: No  
Suggested Drawing Figure::  
Total Drawing Sheets:: 14  
Small Entity?:: Yes  
Latin Name::  
Variety denomination name::  
Petition Included?:: No  
Petition Type::  
Licensed US Govt. Agency:: Department of Energy and National  
Institutes of Health  
Contract or Grant Numbers:: W-7405-Eng-82; 1R01 CA76961-01A1;

5R01 CA76961-02

Secrecy Order in Parent Appl.?: No

**APPLICANT INFORMATION**

Applicant Authority Type:: Inventor  
Primary Citizenship Country:: US  
Status:: Full Capacity  
Given Name:: Edward  
Middle Name:: S.  
Family Name:: Yeung  
City of Residence:: Ames  
State or Prov. of Residence:: Iowa  
Country of Residence:: US  
Street of mailing address:: 1005 Jarrett Circle  
City of mailing address:: Ames  
State or Province of mailing address:: Iowa  
Country of mailing address:: US  
Postal or Zip Code of mailing address:: 50014

Inventor Authority Type:: Inventor  
Primary Citizenship Country:: US  
Status:: Full Capacity  
Given Name:: Michael  
Middle Name::  
Family Name:: Shortreed  
City of Residence:: Portage  
State or Prov. of Residence:: Wisconsin  
Country of Residence:: US  
Street of mailing address:: 618 West Cook Street  
City of mailing address:: Portage  
State or Province of mailing address:: Wisconsin  
Country of mailing address:: US

Postal or Zip Code of mailing address:: 53901

Inventor Authority Type:: Inventor  
Primary Citizenship Country:: US  
Status:: Full Capacity  
Given Name:: Yinfa  
Middle Name::  
Family Name:: Ma  
City of Residence:: Rolla  
State or Prov. of Residence:: Missouri  
Country of Residence:: US  
Street of mailing address:: 10920 Larson Lane  
City of mailing address:: Rolla  
State or Province of mailing address:: Missouri  
Country of mailing address:: US  
Postal or Zip Code of mailing address:: 65401

#### **CORRESPONDENCE INFORMATION**

Correspondence Customer Number:: 23460  
Phone:: (312) 616-5600  
Fax:: (312) 616-5700  
E-mail Address:: mail@leydig.com

#### **REPRESENTATIVE INFORMATION**

Representative Customer Number:: 23460

Representative Designation::      Registration Number::      Representative Name::

**DOMESTIC PRIORITY INFORMATION**

Application::	Continuity Type::	Parent Application::	Parent Filing Date::
This Application	National Stage of	PCT/US01/16187	05/18/01
PCT/US01/16187	Claims Priority to	60/205,832	05/19/00

**FOREIGN APPLICATION INFORMATION**

Country::	Application Number::	Filing Date::	Priority Claimed
-----------	----------------------	---------------	------------------

**ASSIGNEE INFORMATION**

Assignee name:: Iowa State University Research Foundation, Inc.  
Street of mailing address:: 310 Lab of Mechanics

City of mailing address:: Ames  
State or Province of  
mailing address:: Iowa  
Country of mailing  
address:: US  
Postal or Zip Code of  
mailing address:: 50011-2131